# EVGA GeForce® GTX 680 4GB+

Part Number: **04G-P4-2686**

Get to the next level with the EVGA GeForce® GTX 680. This card delivers truly game-changing performance that taps into the powerful new GeForce® architecture to redefine smooth, seamless, lifelike gaming. It offers brand new, never before seen features that will redefine the way you think about performance graphics cards. Expect more from your graphics card than just state-of-the-art features and technology; get a faster, smoother and richer gaming experience with the EVGA GeForce® GTX 680.

## SPECIFICATIONS

- Base Clock: 1019 MHz
- Boost Clock: 1084 MHz
- Memory Clock: 6008 MHz Effective
- CUDA Cores: 1536
- Bus Type: PCI-E 3.0
- Memory Detail: 4096MB GDDR5
- Memory Bit Width: 256 Bit
- Memory Speed: 0.33ns
- Memory Bandwidth: 192.26 GB/s
- Texture Fill Rate: 130.4 GT/s

## KEY FEATURES

- NVIDIA SMX Engine
- NVIDIA GPU Boost
- NVIDIA Adaptive Vertical Sync
- NVIDIA® Surround™
- Support for four concurrent displays; two dual-link DVI connectors, HDMI and Displayport 1.2**
- Microsoft® DirectX® 11 with Direct Compute 5.0 support
- NVIDIA® PhysX® Technology
- NVIDIA 3D Vision®-Ready***
- NVIDIA SLI®-Ready
- NVIDIA® CUDA® Technology
- PCI Express® 3.0 Support
- OpenGL 4.2 Support
- OpenCL™ Support

## REQUIREMENTS

- 550 watt or greater power supply with a minimum of 38 amps on the +12 volt rail.****
- PCI Express®, PCI Express® 2.0 or PCI Express® 3.0 compliant motherboard with one graphics slot.
- Two 6-pin PCI Express® power connectors or four available hard disk power connectors.
- Microsoft® Windows 7 / Vista / XP

### EVGA Precision X -

Designed from the ground up to support new GPU technology, EVGA Precision X redefines what overclocking software should be. www.evga.com/precision

### EVGA OC Scanner X -

Featuring a brand new look and layout, this popular application has been adapted to show all of the lastest GeForce vitals. www.evga.com/ocscanner

### MODS RIGS -

$1k Sponsorships for every 200 posts. Come show off your rig and join in on one of the biggest things happening at EVGA. www.evga.com/community/modsrigs

### 24/7 Technical Support -

EVGA is here for you day or night to help answer any questions! www.evga.com/support

### EVGA GAMING -

If you live to game, this is the place for you! We have the best tournaments, prizes and game servers. www.evga.com/gaming

### EVGA SoNet -

Follow EVGA on your favorite Social Networking sites like Facebook, Twitter, Steam, and the EVGA Gaming Community. www.evga.com/sonet

*DVI-D = Digital Only
Please do not connect to "DVI to VGA" adapter.

**Support for HDMI includes GPU-accelerated Blu-ray 3D support (Blu-ray 3Dplayback requires the purchase of a compatible software player from CyberLink,ArcSoft, Corel, or Sonic), x.v.Color, HDMI Deep Color, and 7.1 digital surround sound. Upgrade your GPU to full 3D capability with NVIDIA 3DTV Play software, enabling 3D gaming, picture viewing, and 3D web video streaming.
See www.nvidia.com/3dtv for more details.

***NVIDIA 3D Vision and Surround require 3D Vision glasses and 3D Vision-ready displays. See www.nvidia.com/get3d for more information.

****Minimum system power requirement based on a PC configured with an Intel Core i7 3.2GHz processor.

## DIMENSIONS/WEIGHT

- Height: 4.376in - 111.15mm
- Length: 10in – 254mm
- Weight: 3lbs

## ACCESSORIES

- EVGA Driver/Software Disc with EVGA Precision Tuning Utility
- (1) DVI to VGA Adapter (For DVI-I)
- (1) 6 pin PCI-E Power Adapter
- (1) 8 pin PCI-E Power Adapter
- EVGA Accessory Pack
- User Guide

## PRODUCT WARRANTY

This product is covered under EVGA's 3 year warranty which covers parts and labor. Further warranty extension is available upon registration within 30 days of purchase. For more details please visit **www.evga.com/warranty**